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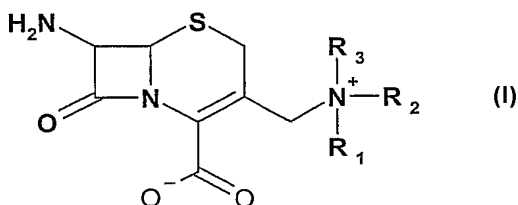
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(54) Title: PROCESS FOR PRODUCTION OF INTERMEDIATES FOR USE IN CEPHALOSPORIN SYNTHESIS



(57) Abstract: The invention relates to a new process for the production of intermediates for the synthesis of cephalosporin of formula (I) wherein R₁, R₂ and R₃, independently of one another, are alkyl, alkenyl, aryl, hydroxy(C₁₋₆)alkyl, carbamoyl-(C₁₋₆)alkyl, amino-(C₁₋₆)alkyl, aclamino-(C₁₋₆)alkyl or carboxy(C₁₋₆)alkyl, or wherein R₂ and R₃ together with the adjacent nitrogen atom, form an alicyclic 5- to 8-membered heterocyclic ring, and R₁ signifies alkyl, alkenyl or aryl. The process according to the invention is notable in that the formation of undesired by-products, especially Δ²-analogous compounds of formula (I), is greatly reduced.



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